

# MCLELLAN EXHIBIT 1

ATTY DOCKET: T8466399US

PATENT APPLICATION***Fraser McLellan***

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***Objective***

To develop and manage leading edge products based on superior value proposition, proprietary technology platforms and long term product visions through their lifecycle.

***Profile***

An intelligent, results-orientated, dynamic management professional who can make things happen. Demonstrated ability to lead people, manage complex projects, analyse and solve difficult problems. Contributed to organisational success through an insightful and results driven approach. Commitment and strong interpersonal skills enable me to be a valuable team player, leader and bottom line contributor. Expertise in:

*PRODUCT LIFECYCLE MANAGEMENT / PRODUCT DEVELOPMENT /  
TECHNOLOGY AND INNOVATION MANAGEMENT / PROJECT MANAGEMENT /  
PRODUCT PORTFOLIO MANAGEMENT / STAGE-GATE / TECHNOLOGY LEVERAGE & TRANSFER*

***Professional Experience***

**Trojan Technologies Inc., London, Ontario** 1998 - Present  
**Product Platform Manager Open Channel (Global Marketing Studies)** 2005 - Present  
Key member of Marketing responsible for product life cycle management of the open channel wastewater product portfolio.

**Manager of Product Development (Engineering & Research)** 1998 - 2005  
Key member of the Management Team responsible for: Core Technology Program, \$1 Million/year budget, strategy, resource allocation, value creation, and project selection.

**Achievements:**

- Team developed & launched 3 new products that allowed Trojan to enter 2 new businesses.
- Team developed over 5 new core technologies
- Teams completed science and engineering for contract projects worth over 2 million in 2004, 5 million in 2003
- Developed and implemented Trojan's New Product Development Process and Stage-Gate Methodology
- Led a special Corporate Strategy project that investigated the Future of the Environmental industry and recommended how and where Trojan should focus its growth efforts

**Abitibi-Consolidated Inc. (Formerly Abitibi-Price) - Technology Centre** 1992 - 1998  
**Manager of Innovation & Growth** 1996 - 1998  
Key member of the Research Management team responsible for strategy, product improvement, project selection and an innovative culture.  
**Achievements:**

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- Managed technical development of a large product development project to expand Abitibi's product portfolio
- Managed and directed activities of R&D division (20 people) through a merger, then helped design, staff, set up new and close down the old facilities
- Designed and implemented a novel program to capture new technologies from external sources resulting in the development of new paper grades and new process technologies.
- Designed and conducted a core competency audit to determine Abitibi-Price's technological strengths and weaknesses. This led to the development of a Technology Strategy expected to deliver \$10 million in value.
- Key part of management team that has grown and re-engineered R&D to create a focused program based on "3<sup>rd</sup> Generation R&D Management" principles.

**Senior Research Scientist**

1992 - 1996

Lead and managed research projects with budgets greater than \$1M. Managed the development of a number of environmental treatment technologies to reduce Abitibi's environmental compliance costs by \$25 million.

**Achievements:**

- Abitibi's "flagship" candidate for one year paid leave to pursue advanced academic studies (Master's Degree in Technology Management). First in class and dissertation accepted 'without corrections.'
- Key leader in the development of a hazardous waste treatment technology that eventually led to its spin off as a separate business. This involved managing strategic partnerships with universities, equipment manufacturers, and US National Laboratory.
- Internal continuous improvement consultant to reduce manufacturing variability. Worked with unions and management to save \$0.5 million within 6 months and \$2.3MM for year.

**National Silicates Ltd., Toronto Ontario**

1989 - 1992

**Research and Applications Chemist**

Researched, patented and commercialised novel process for manufacturing synthetic pigment used in the pulp and paper industry to enhance brightness and printability. Provided technical service and product optimisation for marketing and sales. Trained sales staff in pulp and paper technology.

**Abitibi-Price Inc., Technology Centre, Mississauga, Ontario**

1985 - 1989

**Research Chemist**

Key scientist on a number of R&D projects. Developed and patented a novel brightening process for pulp and paper.

**Education**

1997 MSc. - Technology Management, University of Manchester Institute of Science and Technology (UMIST), School of Management - Manchester, England.

1986 BSc. - Chemistry, McMaster University - Hamilton, Ontario, Canada

**Other**

- Co-author of 2 patents, many technical papers and conference presentations
- Excellent working knowledge of computers and software
- Active in sports, coaching of soccer and hockey

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Available on request

*References*